

Amendments to the Claims:

This listing of the claims replaces all prior versions and listings of the claims in the above-captioned patent application.

Listing of Claims:

Claim 1. (Amended) A variable displacement compressor having a discharge chamber, a suction chamber and a crank chamber, said compressor comprising:

[[a]] an electromagnetic displacement control valve disposed at a position in a discharge pressure supply passageway capable of communicating with said crank chamber from said discharge chamber; and

a fixed orifice disposed at a position in a pressure relief passageway communicating with said suction chamber from said crank chamber;

said electromagnetic displacement control valve having a valve body configured to open and close said discharge pressure supply passageway in response to an electromagnetic force from said electromagnetic displacement control valve being controlled in opening/closing operation to adjust a pressure in said crank chamber to control a piston stroke;

wherein a part of said discharge pressure supply passageway and a part of said pressure relief passageway are formed as a common passageway communicating with an end of said crank chamber; and

wherein a part of said common passageway is formed as a passageway through a bearing for a compressor main shaft; and

wherein said common passageway is configured such that, during displacement control, as said valve body is moved from a closed position to an open position, a gas flow occurs from said discharge chamber to said crank chamber through said common passageway, and when said valve body is in the closed position or the open position, a gas flow occurs from said crank chamber to said suction chamber through said common passageway.

Claim 2. (Cancelled).

Claim 3. (Original) The variable displacement compressor according to claim 1, wherein a part of said common passageway includes a gas chamber formed at a shaft end extended portion of a compressor main shaft.

Claim 4. (Original) The variable displacement compressor according to claim 1,
wherein said fixed orifice is formed in said displacement control valve.